

# Earthdata UTC Meeting 02.21.2017

Gotomeeting link: <https://global.gotomeeting.com/join/862833445>

Phone number: 1-844-467-6272, Passcode 184979#

Meeting ID: 862-833-445

## 1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

## 2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
  - EMS Release 1.5.1.1
    - Deployment to Production was completed successfully on 8 February 2017.
    - We have begun reprocessing all FY 2017 distribution logs. We began with GES DISC.
  - CDDIS
    - CDDIS continues sending logs to UAT.
  - Data Relevancy Reports
    - EMS will be working with CMR to provide data relevancy reports.
  - EMS to Data Providers ICD - we are still going through internal review.
  - Monthly meetings with Data Providers:
    - We are requesting an interface meeting with all data providers. We propose 1:30pm EST on 2 March, 2017. Please let us know if this will work for you.
  - Agenda items for the first meeting:
    - Missing Data (Data Availability)
    - Missing Metadata/Search Expression – (Not-Provided)
    - Ingest/Archive DBID issue
    - Distribution code 200 and 206 issue
    - Earthdata login implementation, username and dynamic IP
    - Database fields that are available to provide additional information.
    - Replacing search expression with product id (shortname)
    - Any additional topics of interest to the data provider.
  - I will be sending out an invite to the Points of Contact in the EMS system tomorrow.

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
  - System Status
  - CMR Release Status
  - Earth Data Search Release Status
  - Metadata Management Tool Release Status
  - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor

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## 3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
  - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
  - In Production (Release 4.62)
- [Earthdata Login public wiki](#)

**Ticket Status**

Ticket	Sprint
<a href="#">URSF0UR-785</a> - approve_app endpoint does not go to approval page after authentication	PI4.3
<a href="#">URSF0UR-783</a> - An application admin should be able to opt out of an previously added application group	PI4.2,4.3
<a href="#">URSF0UR-782</a> - Improve GUI messages when user requests password reset with locked profile	
<a href="#">URSF0UR-781</a> - Add client_id to Groups api and return with groups info along with app id.	PI4.1,4.2
<a href="#">URSF0UR-780</a> - Allow EL to redirect user back to application after a number of failed login attempts	
<a href="#">URSF0UR-779</a> - Investigate GrADS integration with Earthdata Login enabled services	
<a href="#">URSF0UR-778</a> - Add an users api call to return NAMS AUID for an existing EL user if exists	PI4.2
<a href="#">URSF0UR-777</a> - Add capability for linking NAMS AUID to an existing EL userid through users API	PI4.2
<a href="#">URSF0UR-771</a> - Update oauth token validation for grouped applications when a token is shared	
<a href="#">URSF0UR-767</a> - Improve the Terms of Service agreement on user registration page	PI4.1,4.2

URSFOUR-763 - As ESDIS I want to meet with the EMS team and determine if we can use EL to improve the EMS visual metrics.	PI4.1
URSFOUR-757 - Need to prompt for required groups during app creation.	
URSFOUR-756 - Auto Authorize ESDIS apps irrespective of scope(public or otherwise)	PI3.4,4.1
URSFOUR-754 - Redesign 'My Applications' page and User profile sub navigation	
URSFOUR-753 - Global receive email option flag to be used as default option during application auto authorization.	PI3.4
URSFOUR-752 - Return application specific receive email option flag for the user along with user profile information (API)	PI3.4
URSFOUR-751 - Provide an option for the user to opt out of all application related email at a global level (user profile)	PI3.4
URSFOUR-745 - User services should be able to look up users (UI)	PI3.3
URSFOUR-744 - A user should be able to view all the user groups they belong to. (UI)	PI3.1
URSFOUR-743 - Return user groups information along with user profile info (API)	PI3.1
URSFOUR-733 - An application can list all the users in a group (API)	PI3.1

URSFOUR-732 - Provide URS4 api for an application to retrieve all the groups a user belongs to (API)	PI2.4
URSFOUR-731 - Provide URS4 Api to add user to a group by an application (API)	PI3.1
URSFOUR-730 - An application admin should be able to retrieve all the groups a user belongs to (UI)	PI3.1
URSFOUR-729 - Application admin can view a list of all user groups for the application (UI+API)	PI2.4
URSFOUR-728 - An application admin can add and delete a user from a user group (UI)	PI2.4
URSFOUR-727 - An application admin can create and edit a new user group (UI)	PI2.4
URSFOUR-725 - Too many email delivery failures	
URSFOUR-724 - Use human-readable field names (as used in field labels) instead of machine names like "study_area" in the banner/alert that shows up when additional profile fields are required.	PI2.3
URSFOUR-723 - Highlight missing app required user fields in user profile edit page on redirect	PI2.3
URSFOUR-720 - Add a count of the number of applications a user has authorized to the user profile information returned from the API.	
URSFOUR-715 - Support HEAD authentication requests	

URSFOUR-713 - URS cookies contain invalid Expires timezone	PI2.4
URSFOUR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	PI2.2
URSFOUR-704 - Add 'Application' as user type options for user profile	PI2.1
URSFOUR-701 - Accept both username and email at the login	
URSFOUR-698 - Implement unauthorized access to public user profile data	PI2.2
URSFOUR-697 - Determine which user profile fields should be public, and which should require authorization	PI2.3
URSFOUR-695 - Update LDAP Application model to store required user profile attributes	PI2.1
URSFOUR-694 - Provide capability to support application required user profile attributes during application authorization	PI2.1
URSFOUR-693 - Provide the ability to add/edit application required fields during application registration	PI2.1
URSFOUR-690 - want a list of all the applications I can authorize, with descriptions	PI1.1
URSFOUR-686 - URS appends form parameters to URL when clicking on 'Register' link	PI1.4
URSFOUR-683 - An application should be able to determine if a user is in a given group	

## 4. Earthdata

Katherine Kelly

### Earthdata Developer Portal

- Changing Top Menu and Search Results page design
- Plans to add documentation for new projects this week.

### Study for the Migration of CDN content to NGAP

- Adding application data (in a test environment) to the S3 bucket to test full CDN Cycle.

### Launchpad Integrations

- Adding Launchpad login redirects to Status App
- Created NAMS workflow for Conduit CMS.

### ED Login

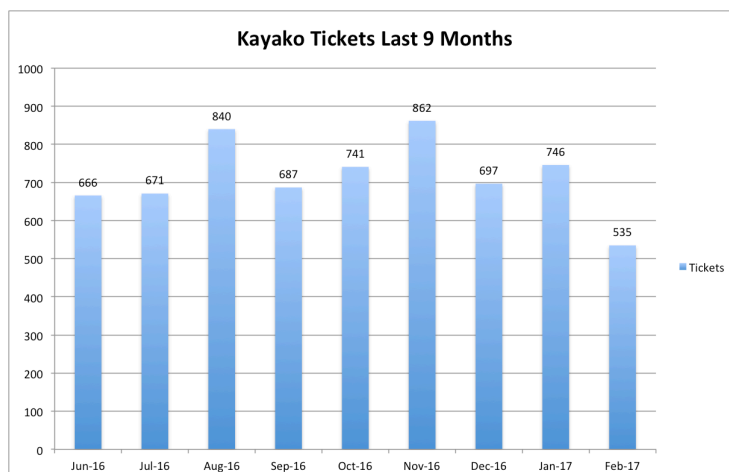
- Updating application group functionality to better support sharing of user tokens among a group of applications.
- Adding App admin functionality to manage their application groups.

## 5. User Support Tool

Catalino Cuadrado

### Recent Metrics

#### Kayako Overall Last 9 Months Tickets



## Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User	Total
ASDC	34	2				3		39
ASF	15					1		16
CMR	2							2
ECC	5							5
ECHO	2			2				4
Earthdata	23			8	1			32
Earthdata Search	14			1				15
FIRMS	2						2	4
GCMD	5			1				6
GHRC	6			1				7
GIBS	4							4
LANCE				2				2
LPDAA C	28	2	1	5				36
MODAP S	21			3				24
NSIDC	2							2
OB.DAAC				1				1
ORNL DAAC	18							18
PO.DAAC	14	4		1			1	20
PO.DAAC Forum	3							3
Reverb	5							5

## 6. CMR/ECHO/Earthdata Search/MMT

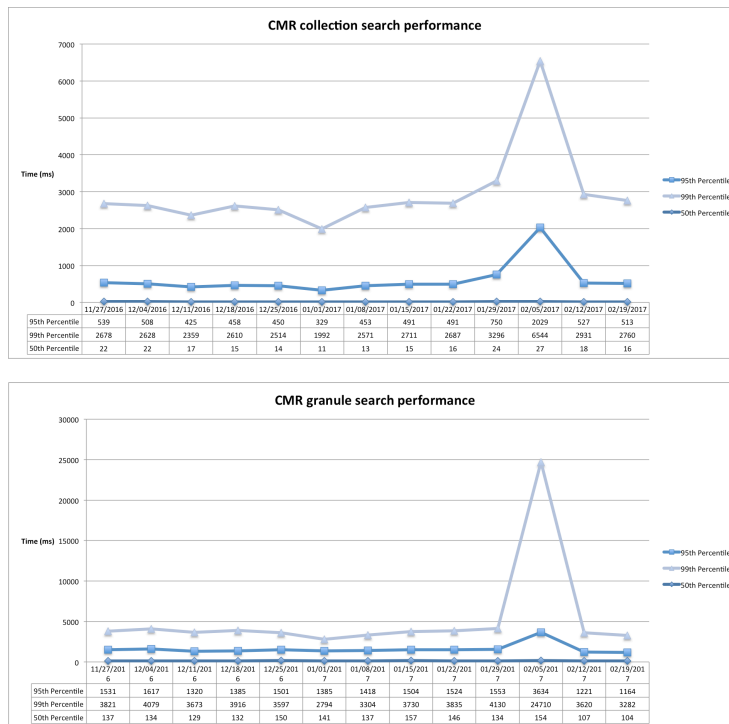
- CNOC reboot of GSFC SIP caused EED degraded service 02/18/17 11:10pm – 11:16pm ET
  - Root cause: Upstream infrastructure issue
  - Corrective action: TBD

## Recent Metrics


## Client usage



## Query Performance



## CMR Release Status

 **CMR-3733** - JIRA project doesn't exist or you don't have permission to view it. - the implementation of this issue limits













- the maximum number of free text search keywords with wildcards to 30
- This is further constrained by the length of the keywords
  - if one or more keywords in a query are greater than 241 characters in length then 0 wildcards are allowed
  - if one or more keywords in a query are greater than 121 characters in length then 10 wildcards are allowed
  - if one or more keywords in a query are greater than 61 characters in length then 16 wildcards are allowed
  - if one or more keywords in a query are greater than 41 characters in length then 22 wildcards are allowed
  - if one or more keywords in a query are greater than 21 characters in length then 26 wildcards are allowed
  - if one or more keywords in a query are greater than 11 characters in length then 30 wildcards are allowed

This is part of CMR release 1.68.

**PROD: 1.66**

ECHO-671	Add a new element DOI into the ECHO 10 schema
CMR-3652	As a client user I can search for ACLs by target and target_id
CMR-3616	Updating an ACL in PUMP with a granule restriction flag fails
CMR-3556	Discover and correct opendata export issues
CMR-3498	Problem with multiple spatial and temporal extents from ISO
CMR-3348	Search Facets should be OR'ed instead of ANDED (CMR Service Desk)
CMR-3156	Error with initializing oracle connection
CMR-2896	As a Client User, I receive an error if checking permission with invalid data.
CMR-2223	As a Client User, I want the CMR to reject a collection update that removes a platform referenced to by an existing granule

## UAT: 1.67









	CMR-3786	Catalog Item ACLs in the CMR access control service are not accepting collection_identifier or granule_identifier access values with Min and Max values AND Match 'null'
	CMR-3785	Catalog Item ACLs in the CMR access control service are not accepting collection_identifier or granule_identifier access values with Min and Max values AND Match 'null'
	CMR-3778	Cannot search for provider orders in CMR provider
	CMR-3702	500 Error on Ingest in UAT for NSIDC collection
	CMR-3674	As a Client User, I want to search collections by DOI
	CMR-3656	Point CMR apps in wl to CMR rest-services/catalog-rest
	CMR-3655	Point CMR apps in sit to CMR rest-services/catalog-rest
	CMR-3635	ISO to ECHO10 conversion is dropping platform and instrument
	CMR-3590	ACLs should be sorted in alphabetical order regardless of case
	CMR-3161	As a client user, I want to be able to retrieve UMM JSON with organization and personnel fields translated from ISO19115
	CMR-2840	Elements being dropped from DIF and ISO to ECHO10 conversion
	CMR-2222	As a Client User, I want the CMR to reject a collection update if it removes a tiling coordinate system referred to by an existing granule.

## Earth Data Search Release Status

**PROD: 1.36**

EDSC-1338	UAT EDSC Dynamic Tree - not removing bands incompatible with GeoTIFF reformatting
EDSC-1298	Browse scaler url and other heritage services should be configurable as a Bamboo env var
EDSC-1287	Polar projected GIBS imagery is not displayed on WGS 84/Plate Carree map
EDSC-1282	EDSC Service Forms: relevancy applied incorrectly for tree widget items on AE_L2A.002 form in NSIDC OPS
EDSC-1266	Cron job to update tags should only be run on one host
EDSC-1249	As a user I should be able to easily find and select parameters from a long list of parameters
EDSC-1231	Campaign/Project selection doesn't apply to granule search.
EDSC-1130	Projection Parameters from ECHO Form not submitted when navigating back and resubmitting request

## UAT: 1.37











	EDSC-1326	Project button does not trigger project panel
	EDSC-1313	Implement facet GUI changes to enable multiple facets selection
	EDSC-1300	EDSC fails to generate correct projection parameters for service invocation of SPL3SMP.4 ESI Service
	EDSC-1288	NLP Engine appears to send user to the wrong place when unrecognized spatial term is used
	EDSC-1219	Re-projection parameters not being passed to request URL
	EDSC-1170	Timeline does not follow temporal filter constraints (Earthdata Search Service Desk)
	EDSC-1130	Projection Parameters from ECHO Form not submitted when navigating back and resubmitting request
	EDSC-1067	Convert to using app status instead of ECHO calendar events for alerts

## Metadata Management Tool Release Status

### PROD: 1.39

MMT-737	Reverting to previous revision of collection record does not maintain that revision's native format
MMT-713	MMT should require that the user change provider before editing a group not belonging to the user's current provider
MMT-665	As a Provider, I want to update a service option definition with a plain text editor, using ECHO Forms XML.
MMT-664	As a Provider, I want to create and view a service option definition with a plain text editor, using ECHO Forms XML.
MMT-660	As a Provider, I want to delete a service option definition.
MMT-642	As a Provider, I want to be told of any errors in my service option definition when the option is submitted to the CMR.
MMT-600	As a Provider, I want to sort a list of my collections with their order option associations by collection or by order option.
MMT-598	As a Provider, I want to delete an order option
MMT-597	As a Provider, I want to disassociate an order option from one or more of my collections.
MMT-595	As a Provider, I want to mark an order option as deprecated.
MMT-573	"Add member" filter for groups does not work in IE 11 or Safari

## UAT: 1.40

	MMT-811	500 error when clicking on service option name for EDF_OPS provider in SIT
	MMT-732	MMT does not show permissions that do not have any associated groups
	MMT-682	Formatting banner from DQS creation page remains on page if switching to Full Metadata Record Search before submitting DQS
	MMT-653	As a Provider, I want to delete a service implementation entry.
	MMT-652	As a Provider, I want to create and view a service implementation entry.
	MMT-651	As a Provider, I want to update an existing service implementation entry for my provider.
	MMT-606	As a Provider, I want to filter a summary list of my provider orders.
	MMT-564	As a Provider, I want to remove the assignment of a data quality summary from one or more collections.
	MMT-556	Science and Spatial Keyword search will incorporate any selected keyword into the selected keyword path
	MMT-129	As a Provider, I want to create and view an order policy for my Provider.

## Upcoming PMs

 22 Feb 2017

- CMR 1.67 to PROD, 1.68 to UAT
- EDSC 1.37 to PROD, 1.38 to UAT
- MMT 1.40 to PROD, 1.41 to UAT
- ECHO 10.139 to OPS, 10.140 to Partner Test

## 7. GIBS

Matthew Cechini

### General Items

- Vectors - Developing functional test plan for internal evaluation of GIBS vector prototype capability.
- HTTPS-Only Transition - Per agency requirements, GIBS is preparing for a transition to support HTTPS-only requests on March 13th, prior to the March 31st 2017 date. **Information regarding the transition has been sent to the gibs-announcements mailing list and posted to the GIBS blog and various static content pages.**
- ICD Appendix Baselineing - Updating existing GIBS ICD Appendix Google Doc spreadsheets to comply with the updated (Rev A) Imagery Provider ICD document. Providers will be contacted individually to review the updated document in preparation for baselineing in COMET.

### New/Planned/Special Products

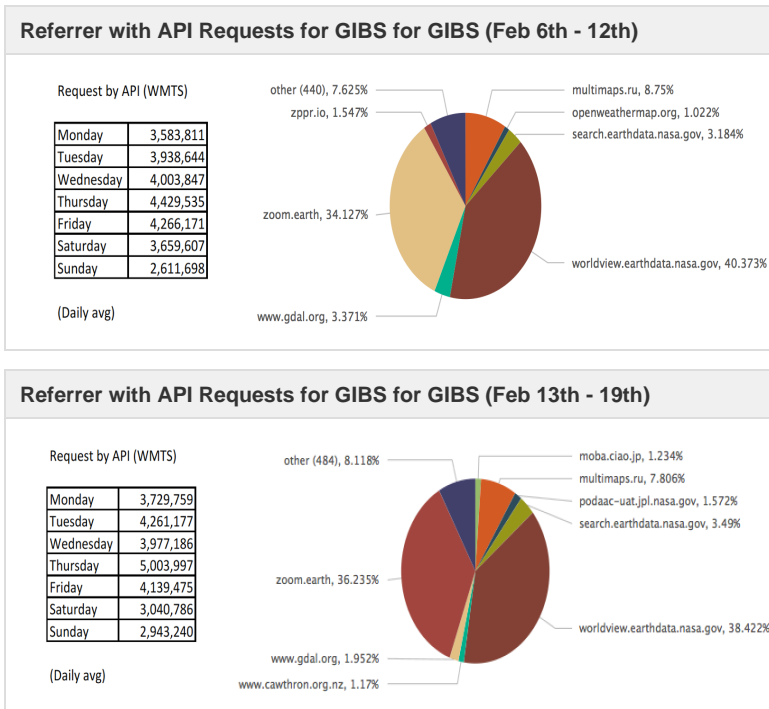
- MODIS Collection 6 - Atmosphere & Land Reprocessing
  - Land L2 STD Reprocessing
    - Historical reprocessing has begun. Time to completion is TBD
  - Land L3
    - Performing sample ingest and imagery review.
- Non-BEDI Imagery Products - Actively working towards operationalization of the following products:
  - AMSRU STD
    - **Performing ingest testing and imagery review in UAT environment.**
    - **Promotion to Operations scheduled for week of 2/27, pending review.**
  - GPM Rain/Snow v4 Standard
    - On hold for v5 data updates scheduled in April 2017.
  - MISR NRT
    - Awaiting imagery updates to address "bad" data pixels and subsequent imagery artifacts.
  - MODIS C6 L2 Land NRT
    - Initial configuration updates are being tested. Must transition from C5 before 3/31/17.
  - MOPITT NRT
    - **Reviewing sample images to verify geolocation. Testing is ongoing.**
  - OMPS NRT
    - Awaiting resource prioritization.
  - ORNL
    - **Performing historical reprocessing.**
    - **Promotion to Operations scheduled for week of 2/20, pending review.**
  - SMAP
    - **Performing imagery review of updated and new Level 1-3 imagery products.**
    - **Resumption of operational ingest scheduled for week of 2/20, pending review.**
- BEDI Activities - Actively working towards operationalization of the following products:
  - AIRS - GESDISC
    - Discussing technical issues with image generation with DAAC.
  - ASTER L1T - LPDAAC
    - Historical reprocessing of 2016 has begun. Time to completion is TBD.
    - Forward processing to be coordinated in February.
  - NISE - NSIDC
    - Coordinating provider updates for NISE product geolocation issues.
  - Aquarius/MODIS PODAAC
    - **Reviewing sample "Batch 2" imagery products.**
    - **Promotion to Operations scheduled for week of 2/27, pending review.**

Jerome King / Alex De Luca

- **GIBS Production**
  - **Status**
    - Planned maintenance for this Today 02/21/17 (Ongoing).
    - OMI NRT - Completed historical reprocessing and configured forward

processing for new and updated imagery products:

- Updated: Aerosol Index, AOD, Absorbing AOD, Cloud Pressure, SO<sub>2</sub> (Upper, Middle, & Lower Troposphere)
- New: Single Scattering Albedo, SO<sub>2</sub> (Planetary Boundary Layer)
- Outage with OMI's ftp server over the weekend, which has been resolved (still waiting to come back from maintenance to catch up).
- AMSR2 Land NRT
  - Deployed to production on 2/15
- Metrics



## 8. Worldview

Benjamin King

- Releases
  - Worldview 1.3.4, released Feb. 14, 2017
    - New Products
      - Daily OMI Standard layers including Sulfur Dioxide (Planetary Boundary layer), Aerosol Optical Depth (388 nm, Multi-Wavelength), Aerosol Single Scattering Albedo 388 nm, Near-UV), Ozone (DOAS), Ozone (TOMS-like) Nitric Oxide (Tropospheric Column)
      - Monthly CERES Top-Of-Atmosphere (TOA) Flux, Surface Flux and Incoming Solar Flux layers
      - TRMM Lightning Imaging Sensor (LIS) and OrbView-1 OTD Lightning Flashes and Lightning Flash Rate layers
      - Monthly, Annual and Seasonal Web Enabled Landsat Data (WELD) TOA reflectance for Alaska and Conterminous US (V1.5) and Surface Reflectance (NBAR) Global and NDVI (V3.0) layers
      - Daily and Monthly MOPITT Carbon Monoxide layers
    - MODIS and VIIRS fires can now be displayed in the Arctic view
    - Fixed animation widget styling issues specific to Safari
    - Fixed permalink of squashed palettes to retain max value
- Work In Progress
  - Preparing for a 1.4.0 release
    - Containing:

- Running-data feature
- Dateline wrap features
- Updates to event feature
  - Specific Icon for each event
  - Tooltips to point out events on map
- Auto-disable feature
- OpenLayers 4 Migration
- Many additional products

## 9. Open Floor

a. Cutover dates for migrating CMR micro-services from on-premises to the cloud.

As you may know, EED is in the process of migrating CMR micro-services to the cloud. We did this successfully for Earthdata Search in 2016.

We are proposing tentative dates for cut-over from on-premises to the cloud as follows:

SIT – March 1st 2017

UAT – March 15th 2017

PROD – TBD

b. DAAC POCs for firewall rule changes for NGAP

c. MMT beta testing in progress